

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-159967

(43)Date of publication of application : 21.06.1996

(51)Int.Cl.

G01N 21/35
G01N 21/01
G01N 35/00

(21)Application number : 06-331209

(71)Applicant : HORIBA LTD

(22)Date of filing : 07.12.1994

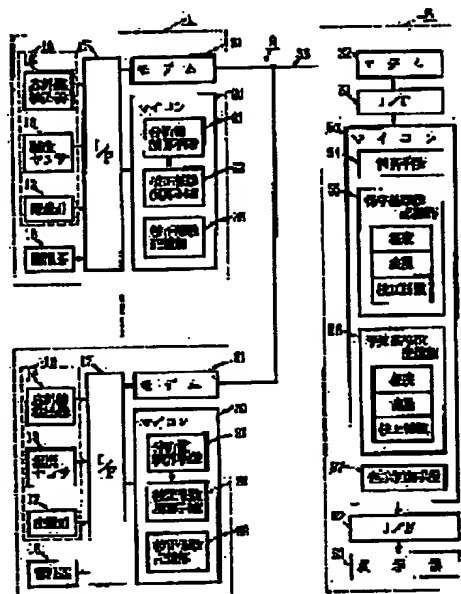
(72)Inventor : NAKAMURA TADAO
UNO TOSHIHIKO

(54) MANAGEMENT SYSTEM FOR ANALYZER

(57)Abstract:

PURPOSE: To perform centralization management of analyzer, and predict exchange time of parts and failure thereof by comparing maintenance reference value of each part of a detection part previously storing measured value with prediction reference value of replacement or maintenance time of parts.

CONSTITUTION: A maintenance reference value storing part 55 and a prediction reference value storing part 56 previously store a value to be a reference as to whether the replacement or maintenance of each part of a detection part 10 is needed or not and its time approaches or not. For instance, an electronic cooler for dehumidification of gas to be inspected is controlled to be at $5^{\circ}\text{C} \pm \square\square^{\circ}\text{C}$, since moisture separation can be sufficiently performed at 15°C , 15°C is stored (55) as a maintenance reference value and for instance, 10°C is stored as a prediction reference value (56). A discrimination means 54 outputs a maintenance signal of the electronic cooler if measured temperature from a temperature sensor 13 reaches maintenance reference temperature (15°C), sends a reference signal to inform the operator if the measured temperature is between the prediction reference temperature (10°C) and the maintenance reference temperature (15°C).



LEGAL STATUS

[Date of request for examination] 12.03.1998

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3334391

[Date of registration] 02.08.2002

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]